## **EAST Search History**

## EAST Search History (Prior Art)

| Ref #     | Hits | Search Query                                                                                                                                                                                                                                                                                                                                                                           | DBs                       | Default<br>Operator | Plurals | Time Stamp          |
|-----------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------|---------|---------------------|
| S1        | 15   | roh-warren-\$.in.                                                                                                                                                                                                                                                                                                                                                                      | US-PGPUB;<br>USPAT; USOCR | ADJ                 | ON      | 2009/04/10<br>09:37 |
| S2        | 2    | (idea place).as.                                                                                                                                                                                                                                                                                                                                                                       | US-PGPUB;<br>USPAT; USOCR | ADJ                 | ON      | 2009/04/20<br>10:37 |
| S3        | 7    | ("5996836" "6257434"<br>"6394329" "5609277"<br>D404643 "3380635").pn.                                                                                                                                                                                                                                                                                                                  | US-PGPUB;<br>USPAT; USOCR | OR                  | ON      | 2009/04/21<br>14:03 |
| S4        | 30   | ("0952107"   "1090392"  <br>"1181942"   "2161195"  <br>"2401578"   "2508945"  <br>"2637518"   "2508945"  <br>"3124285"   "3200536"  <br>"3285410"   "4278225"  <br>"5443298"   "6019335"  <br>"6131779").FN. OR<br>("6394329").URPN.                                                                                                                                                   | US-PGPUB;<br>USPAT; USOCR | ADJ                 | ON      | 2009/04/21<br>14:04 |
| S5        | 24   | ("4373636"   "4848543"  <br>"5076434"   "5423477"  <br>"5543606"   "5605231"  <br>"5662237").PN. OR<br>("6257434").URPN.                                                                                                                                                                                                                                                               | US-PGPUB;<br>USPAT; USOCR | ADJ                 | ON      | 2009/04/21<br>14:05 |
| <b>S6</b> | 38   | ("2056947"   "2505641"   "3140007"   "3160304"   "3189072"   "3276617"   "3339923"   "3280635"   "3893583"   "4389250"   "4093096"   "4140235"   "4165814"   "4252256"   "4387822"   "4640855"   "4708273"   "4755342"   "4756857"   "4836396"   "452871"   "495572"   "5044512"   "5105768"   "504572"   "5224137"   "538712"   "5224137"   "538712"   "5628417"   "596836") JRFN. OR | US PGPUB;<br>USPAT; USOOR | ADJ                 | ON      | 2009/04/21<br>14:06 |

| S7  | 50  | ("1486967"   "2056947"  <br>"2505641"   "3140007" | US-PGPUB;<br>USPAT; USOCR | ADJ | ON                                      | 2009/04/21<br>14:07 |
|-----|-----|---------------------------------------------------|---------------------------|-----|-----------------------------------------|---------------------|
|     |     | "3160304"   "3189072"                             | USFAI, USCCh              |     |                                         | 14.07               |
|     |     | "3194423"   "3276617"                             |                           |     |                                         |                     |
|     |     | "3335923"   "3380635"                             |                           |     |                                         |                     |
|     |     | "3893583"   "4088250"                             |                           |     |                                         |                     |
|     |     | "4093096"   "4140235"                             |                           |     | ***                                     |                     |
|     |     | "4165814"   "4252256"                             |                           |     |                                         |                     |
|     |     | "4387822"   "4640855"                             |                           |     |                                         |                     |
|     |     | "4708273"   "4755342"                             |                           |     |                                         | ļ                   |
|     |     | "4756857"   "4836396"                             |                           |     |                                         |                     |
|     |     | "4852781"   "4955572"                             |                           |     |                                         |                     |
|     |     | "5044512"   "5105768"                             |                           |     |                                         |                     |
|     |     | "5135124"   "5158190"                             |                           |     |                                         |                     |
|     |     | "5232137"   "5326006"                             |                           |     |                                         |                     |
|     |     | "5388712"   "5497920"                             |                           |     |                                         |                     |
|     |     | "5628417"   "5676285"                             |                           |     | ****                                    |                     |
|     |     | "5887774"   "5996836").                           |                           |     | ***                                     |                     |
|     |     | PN. OR ("6349844").                               |                           |     | ****                                    |                     |
|     |     | URPN.                                             |                           |     |                                         |                     |
| S8  | 14  | ("2754962"   "3160304"                            | US-PGPUB;                 | ADJ | ON                                      | 2009/04/21          |
|     |     | "3369723"   "3682352"                             | USPAT; USOCR              |     | -                                       | 14:09               |
|     |     | "4120434"   "5301857"  <br>"5573152"   "D197357"  |                           |     |                                         |                     |
|     |     | "D272316"   "D349459").                           |                           |     | ****                                    |                     |
|     |     | PN. OR ("D404643").                               |                           |     |                                         |                     |
|     |     | URPN.                                             |                           |     |                                         |                     |
| S9  | 14  | ("3380635").URPN.                                 | USPAT                     | ADJ | ON                                      | 2009/04/21          |
|     |     |                                                   | -                         |     | *************************************** | 14:10               |
| S10 | 342 | d3/215.ccls.                                      | US-PGPUB;                 | ADJ | ON                                      | 2009/04/21          |
|     |     |                                                   | USPAT; USOCR              |     |                                         | 14:11               |
| S11 | 8   | ("4993611"   "D160050"                            | US-PGPUB;                 | ADJ | ON                                      | 2009/04/21          |
|     |     | "D361200"   "D386612"                             | USPAT; USOCR              |     |                                         | 14:18               |
|     |     | "D395205").PN. OR                                 |                           |     | ****                                    |                     |
|     |     | ("D447333").URPN.                                 | •                         | ]   |                                         |                     |
| S12 | 0   | d9/344.ccls.                                      | US-PGPUB;                 | ADJ | ON                                      | 2009/04/21          |
|     |     |                                                   | USPAT; USOCR              | l   |                                         | 14:21               |
| S13 | 245 | 224/148.1                                         | US-PGPUB;                 | ADJ | ON                                      | 2009/04/21          |
|     |     |                                                   | USPAT; USOCR              |     | •                                       | 14:22               |
| S14 | 24  | ("2035749"   "2628054"                            | US-PGPUB;                 | ADJ | ON                                      | 2009/04/21          |
|     |     | "4084778"   "4579237"                             | USPAT; USOCR              |     | ****                                    | 14:25               |
|     |     | "4623185"   "4638530"                             |                           |     | ****                                    | •                   |
|     |     | "4749112"   "4955572"                             |                           |     | ****                                    |                     |
|     |     | "5249108"   "5544031"                             |                           |     |                                         |                     |
|     |     | "D281565"   "D350456"                             |                           |     | ****                                    |                     |
|     |     | "D358679"   "D364912"                             |                           |     |                                         |                     |
|     |     | "D378040"   "D423774").                           |                           |     |                                         |                     |
|     |     | PN. OR ("D444706").                               |                           |     |                                         |                     |
|     | 3   | URPN.                                             | 1                         | 1   |                                         |                     |

| S15         | 16  | ("1086541"   "2279442"  <br>"2628054"   "6633278"  <br>"2763413"   "4828211"  <br>"4892281"   "5318266"  <br>"D367209") PN. OR<br>("D378040"). URPN.                                                      | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2009/04/21<br>14:26 |
|-------------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-----|----|---------------------|
| S16         | 12  | ("2628054"   "2894119"  <br>"3599918"   "4332362"  <br>"4655425").PN. OR<br>("D358679").URPN.                                                                                                             | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2009/04/21<br>14:26 |
| S17         | 203 | 224/148.4.ccls.                                                                                                                                                                                           | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2009/04/21<br>14:30 |
| S18         | 19  | ("2227780"   "2248234"  <br>"2362523"   "3299442"  <br>"3463536"   "4627546"  <br>"4724971"   "5301857"  <br>"5573152"   "5749490"  <br>"5749497"   "6131779"  <br>"D364552"),PN. OR<br>("6880714").URPN. | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2009/04/21<br>14:31 |
| S19         | 5   | ("2227780").URPN.                                                                                                                                                                                         | USPAT                     | ADJ | ON | 2009/04/21<br>14:31 |
| S20         | 37  | ("3463536").URPN.                                                                                                                                                                                         | USPAT                     | ADJ | ON | 2009/04/21<br>14:32 |
| S21         | 390 | 224/148.7.ccls.                                                                                                                                                                                           | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2009/04/21<br>14:35 |
| S22         | 256 | 224/242.ccls.                                                                                                                                                                                             | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2009/04/21<br>14:42 |
| S23         | 301 | 224/251.ccls.                                                                                                                                                                                             | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2009/04/21<br>15:01 |
| S24         | 544 | 224/269.ccls.                                                                                                                                                                                             | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2009/04/21<br>15:06 |
| <b>S2</b> 5 | 261 | 224/270.ccls.                                                                                                                                                                                             | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2009/04/21<br>15:20 |
| S26         | 183 | 224/271.ccls.                                                                                                                                                                                             | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2009/04/21<br>15:23 |
| S27         | 550 | 224/677.ccls.                                                                                                                                                                                             | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2009/04/21<br>15:27 |
| S28         | 226 | 224/678.ccls.                                                                                                                                                                                             | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2009/04/21<br>15:36 |
| S29         | 31  | ("1403707"   "2861854"  <br>"2924364"   "2985349"  <br>"3312435"   "3370236").<br>PN. OR ("4040547").<br>URPN.                                                                                            | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2009/04/21<br>15:39 |
| S30         | 15  | ("3361091").URPN.                                                                                                                                                                                         | USPAT                     | ADJ | ON | 2009/04/21<br>15:41 |
| S31         | 162 | 224/249.ccls.                                                                                                                                                                                             | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2009/04/21<br>15:42 |

| S32 | 18  | ("3272412").URPN.                                                                                                                                                                                                                                                                                                     | USPAT                                    | ADJ | ON  | 2009/04/21<br>15:45 |
|-----|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-----|-----|---------------------|
| S33 | 32  | ("0109365"   "0759125"  <br>"1703139"   "2346185"  <br>"2383748"   "2413580"  <br>"2763411"   "3272412"  <br>"3777954"   "3917135"  <br>"4047650").PN. OR<br>("4262833").URPN.                                                                                                                                        | US-PGPUB;<br>USPAT; USOCR                | ADJ | ON  | 2009/04/21<br>15:46 |
| S34 | 13  | ("2894119").URPN.                                                                                                                                                                                                                                                                                                     | USPAT                                    | ADJ | ON  | 2009/04/21<br>15:48 |
| S35 | 108 | 224/248.ccls.                                                                                                                                                                                                                                                                                                         | US-PGPUB;<br>USPAT; USOCR                | ADJ | ON  | 2009/04/21<br>15:49 |
| S36 | 231 | 220/709.ccls.                                                                                                                                                                                                                                                                                                         | US-PGPUB;<br>USPAT; USOCR                | ADJ | ON  | 2009/04/21<br>15:54 |
| S37 | 307 | 220/4.23.ccls.                                                                                                                                                                                                                                                                                                        | US-PGPUB;<br>USPAT; USOCR                | ADJ | ON  | 2009/04/21<br>16:18 |
| S38 | 3   | ((WARREN) near2 (ROH)).<br>INV.                                                                                                                                                                                                                                                                                       | EPO; JPO;<br>DERWENT                     | ADJ | ON  | 2009/04/22<br>08:15 |
| S39 | 2   | "US 20070125814"                                                                                                                                                                                                                                                                                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | ADJ | ON  | 2009/04/22<br>09:13 |
| S40 | 394 | 224/148.7.ccls.                                                                                                                                                                                                                                                                                                       | US-PGPUB;<br>USPAT; USOCR                | ADJ | ON  | 2010/03/15<br>13:05 |
| S41 | 7   | ("0924348"  <br>"20050127120"  <br>"5823496"   "5996957"  <br>"6006966"   "6352235").<br>PN. OR ("7614532").<br>URPN.                                                                                                                                                                                                 | US-PGPUB;<br>USPAT; USOCR                | OR  | OFF | 2010/03/15<br>13:07 |
| S42 | 49  | ["0924348"   "1236929"   "1304064"   "1919866"   "2406696"   "3304039"   "3812741"   "3990596"   "4273246"   "4368826"   "4486043"   "4367988"   "44821372"   "4911038"   "4821372"   "4911038"   "4821372"   "5816631"   "5887482"   "5816631"   "5897150"   "6019335"   "6105468"   "6279794"   "63822255"   URIPN. | US-PGPUB;<br>USPAT; USOCR                | OR. | OFF | 2010/03/15          |

| S43 | 37                                      | ("1643661"   "2417269"                                                                                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT; USOCR | OR | OFF                                     | 2010/03/15<br>13:08 |
|-----|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----|-----------------------------------------|---------------------|
|     | *************************************** | "3163712"   "3520570"   "3913187"   "4084778"   "4371137"   "4623185"   "4773549"   "4958791"   "5044583"   "5108055"   "5346271"   "5423501"   "5806904"   "5890635"                                                                                                                                            | USPAIT, USCOR             |    | *************************************** | 13:08               |
|     | *************************************** | "6019335"   "6279794"  <br>"6349844"   "6352235"  <br>"6533148"   "6571429"  <br>"D427510"   "D449685").<br>PN. OR ("6837472").<br>URPN.                                                                                                                                                                         |                           |    |                                         |                     |
| S44 | 31                                      | ("2970729"   "3297220"   "3543976"   "3702203"   "4483476"   "4678221"   "4776622"   "4984724"   "55086246"   "5437401"   "5441320"   "5480204"   "5603656"   "5827781"   "5938256"   "5927781"   "6938256"   "6029870"   "6076874"   "6352235"   "6446849"   "0347734"   "RE35288"), PN. OR ("6533148"), URIPN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF                                     | 2010/03/15<br>13:08 |
| S45 | 21                                      | ("2227780"   "2680038"  <br>"4623185"   "4798286"  <br>"5183169"   "D184315").<br>PN. OR ("5695232").<br>URPN.                                                                                                                                                                                                   | US-PGPUB;<br>USPAT; USOCR | OR | OFF                                     | 2010/03/15<br>13:09 |
| S46 | 21                                      | ("2227780"   "2680038"  <br>"4623185"   "4798286"  <br>"5183169"   "D184315").<br>PN. OR ("5695232").<br>URPN.                                                                                                                                                                                                   | US-PGPUB;<br>USPAT; USOCR | OR | OFF                                     | 2010/03/15<br>13:09 |
| S47 | 17                                      | ("2964348"   "4022363"  <br>"4651873"   "4664255").<br>PN. OR ("4798286").<br>URPN.                                                                                                                                                                                                                              | US-PGPUB;<br>USPAT; USOCR | OR | OFF                                     | 2010/03/15<br>13:10 |
| S48 | 23                                      | ("2433037"   "2558182"  <br>"3314712"   "3870115"  <br>"3935977"   "4059209"  <br>"4232807"   "4288013"  <br>"4651873"   "4798286"  <br>"5018620"   "503892"  <br>"5050755").PN. OR<br>("5221002").URPN.                                                                                                         | US-PGPUB;<br>USPAT; USOCR | OR | OFF                                     | 2010/03/15<br>13:11 |

| S49 | 27  | ("0936104"   "1597659"  <br>"3192894"   "3463870"  <br>"3765633").PN. OR<br>("4084778").URPN.                                                                        | US-PGPUB;<br>USPAT; USOCR | OR  | OFF | 2010/03/15<br>13:15 |
|-----|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-----|-----|---------------------|
| S50 | 34  | ("2992804"   "4133443"  <br>"4607755"   "4776623"  <br>"4821895"   "4825590"  <br>"4858869"   "4928876"  <br>"5048705"   "5069671").<br>PN. OR ("5249702").<br>URPN. | US-PGPUB;<br>USPAT; USOCR | OR  | OFF | 2010/03/15<br>13:20 |
| S51 | 208 | 224/148.4.ccls.                                                                                                                                                      | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2010/03/15<br>13:25 |
| S52 | 26  | ("2781960"   "3463536"  <br>"3709544"   "4631783"  <br>"4730728"   "5203481"  <br>"5301857").PN. OR<br>("5573152").URPN.                                             | US-PGPUB;<br>USPAT; USOCR | OR  | OFF | 2010/03/15<br>13:28 |
| S53 | 362 | d3/215.ocls.                                                                                                                                                         | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2010/03/15<br>13:30 |
| S54 | 14  | ("2754962"   "3160304"  <br>"3369723"   "3682352"  <br>"4120434"   "5301857"  <br>"5573152"   "D197357"  <br>"D272316"   "D349459").<br>PN. OR ("D404643").<br>URPN. | US-PGPUB;<br>USPAT; USOCR | OR  | OFF | 2010/03/15<br>13:33 |
| S55 | 19  | ("1022791"   "2894119"  <br>"3369723"   "3813017"  <br>"3912137").PN. OR<br>("4120434").URPN.                                                                        | US-PGPUB;<br>USPAT; USOCR | OR  | OFF | 2010/03/15<br>13:34 |
| S56 | 262 | 224/242.ccls.                                                                                                                                                        | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2010/03/15<br>13:38 |
| S57 | 306 | 224/251.ccls.                                                                                                                                                        | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2010/03/15<br>13:39 |
| S58 | 24  | ("0562566"   "1329394"  <br>"2273492"   "3494583"  <br>"3552701"   "3895718").<br>PN. OR ("4157166").<br>URPN.                                                       | US-PGPUB;<br>USPAT; USOCR | OR  | OFF | 2010/03/15<br>13:45 |
| S59 | 269 | 224/270.ccls.                                                                                                                                                        | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2010/03/15<br>13:49 |
| S60 | 187 | 224/271.ccls.                                                                                                                                                        | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2010/03/15<br>13:53 |
| S61 | 552 | 224/677.ccls.                                                                                                                                                        | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2010/03/15<br>13:56 |

| S62 | 24   | ("0331728"   "1086200"  <br>"2264957"   "2513846"  <br>"2516311"   "2754532"  <br>"4224712"   "4631783").<br>PN. OR ("4957232").<br>URPN.                                                                                   | US-PGPUB;<br>USPAT; USOCR | OR  | OFF | 2010/03/15<br>13:59 |
|-----|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-----|-----|---------------------|
| S63 | 229  | 224/678.ccls.                                                                                                                                                                                                               | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2010/03/15<br>14:02 |
| S64 | 162  | 224/249.ccls.                                                                                                                                                                                                               | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2010/03/16<br>10:10 |
| S65 | 108  | 224/248.ccls.                                                                                                                                                                                                               | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2010/03/16<br>10:12 |
| S67 | 317  | 220/4.23.ccls.                                                                                                                                                                                                              | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2010/03/16<br>10:16 |
| S68 | 2    | ((living adj hinge) with<br>((fold or folded) near3<br>(fabric or leather))                                                                                                                                                 | US-PGPUB;<br>USPAT        | OR  | OFF | 2010/03/26<br>13:16 |
| S69 | 53   | ("2963150"   "3004661"  <br>"3127985"   "3463309"  <br>"3746162"   "4016972"  <br>"4058212"   "4319684").<br>PN. OR ("4423811").<br>URPN.                                                                                   | US-PGPUB;<br>USPAT; USOCR | OR  | OFF | 2010/03/26<br>13:34 |
| S70 | 42   | ("1869753"   "1872827"  <br>"2004320"   "2550248"  <br>"2610731"   "3800998"  <br>"4098430"   "4423811"  <br>"4606456"   "5191973"  <br>"5244090"   "5363959"  <br>"5465433"   "5540363").<br>PN. OR ("5645167").<br>UJFPN. | US-PGPUB;<br>USPAT; USOCR | OR  | OFF | 2010/03/26<br>13:36 |
| S71 | 29   | ("1000810"   "1951576"  <br>"3605160"   "4237579"  <br>"4423811"   "4802576").<br>PN. OR ("5244090").<br>URPN.                                                                                                              | US-PGPUB;<br>USPAT; USOCR | OR  | OFF | 2010/03/26<br>13:39 |
| S72 | 26   | ("2906428"   "3381850"  <br>"3616487"   "3894655"  <br>"3968880").PN. OR<br>("4098430").URPN.                                                                                                                               | US-PGPUB;<br>USPAT; USOCR | OR  | OFF | 2010/03/26<br>13:41 |
| S73 | 374  | 206/39.ccls.                                                                                                                                                                                                                | US-PGPUB;<br>USPAT        | ADJ | ON  | 2010/04/23<br>11:47 |
| S74 | 100  | 206/39.5.ccls.                                                                                                                                                                                                              | US-PGPUB;<br>USPAT        | ADJ | ON  | 2010/04/23<br>11:48 |
| S75 | 2147 | 224/660-684.ccls.                                                                                                                                                                                                           | US-PGPUB;<br>USPAT        | OR  | OFF | 2010/05/21<br>17:07 |
| S76 | 595  | (snap or interference) and<br>S75                                                                                                                                                                                           | US-PGPUB;<br>USPAT        | OR  | OFF | 2010/05/21<br>17:07 |

| S77 | 142 | 224/643.ccls.                                                                                                                                                                                                                                                                                                                                                                                                                                  | US-PGPUB;<br>USPAT        | OR | OFF | 2010/05/21<br>17:11 |
|-----|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----|-----|---------------------|
| S78 | 14  | ("3883053"   "4756311"  <br>"5393462"   "5507422"  <br>"5555584"   "5566871"  <br>"5577648"   "6109495"  <br>"6141801"   "6161240").<br>PN. OR ("6644522").<br>URPN.                                                                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2010/05/21<br>17:14 |
| S79 | 46  | ("1444157"   "3185362"  <br>"3771170"   "3883053"  <br>"3914881"   "4183156"  <br>"4384602"   "4575874"  <br>"4741574"   "4837659"  <br>"4879768"   "4945576"  <br>"5189738"   "5215333"  <br>"5274846"), PN. OR<br>("5568871"), URPN.                                                                                                                                                                                                         | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2010/05/21<br>17:15 |
| S80 | 52  | ("1871223"   "2421736"   "2505272"   "2654887"   "2808188"   "3093885"   "3114486"   "3154787"   "4479595"   "4676418"   "4479595"   "4676418"   "4879768"   "4949401"   "5131576"   "528045"   "5278998"   "5284279"   "5292044"   "5283942"   "55361412"   "5487498"   "556314"   "55593931"   "5567648"   "55566871"   "5577648"   "55566871"   "5547461"   "5553656"   "5634579"   "6179178"   "D298386"   "D424301"). PN. OR ("6467661"). | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2010/05/21<br>17:16 |
| S81 | 14  | ("1631694").PN. OR<br>("D298386").URPN.                                                                                                                                                                                                                                                                                                                                                                                                        | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2010/05/21<br>17:17 |
| S82 | 51  | ("2497808"   "2823383"  <br>"2823384").PN. OR<br>("4575874").URPN.                                                                                                                                                                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2010/05/21<br>17:19 |
| S83 | 35  | ("2519401"   "2519637"   "2534513"   "2633573"   "3799413"   "4040147"   "4575874"   "4879768"   "5129101"   "5159715"   "5250345"   "5441188"   "D360288"   "D360745"), PM. OR ("5507422"). URFN.                                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2010/05/21<br>17:20 |

| S84 | 15 | ("1597056"   "2528854").<br>PN. OR ("4040147").<br>URPN.                                                                                                                                                                               | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2010/05/21<br>17:21 |
|-----|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----|-----|---------------------|
| S85 | 23 | ("2433037"   "2558182"   "3314712"   "3870115"   "3935977"   "4059209"   "4232807"   "4288013"   "4651873"   "4798286"   "5018620"   "5030355"), PN. OR ("5221002"), URPN.                                                             | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/01/19<br>22:17 |
| S86 | 25 | ("0562566"   "1329394"  <br>"2273492"   "3494583"  <br>"3552701"   "3895718").<br>PN. OR ("4157166").<br>URPN.                                                                                                                         | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/01/19<br>22:19 |
| S87 | 15 | ("3494583").URPN.                                                                                                                                                                                                                      | USPAT                     | OR | OFF | 2011/01/19<br>22:19 |
| S88 | 19 | ("1969677"   "3192894"  <br>"3273766"   "4909467"  <br>"5285940"   "6019335").<br>PN. OR ("6131779").<br>URPN.                                                                                                                         | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/01/19<br>22:21 |
| S89 | 31 | ("0952107"   "1090392"  <br>"1181942"   "2161195"  <br>"2401578"   "2508945"  <br>"2637518"   "2753054"  <br>"3124285"   "3200536"  <br>"3285410"   "4278225"  <br>"5443298"   "6019335"  <br>"6131779"). PN. OR<br>("6394329"). URPN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/01/19<br>22:26 |
| S90 | 14 | ("3380635").URPN.                                                                                                                                                                                                                      | USPAT                     | OR | OFF | 2011/01/19<br>22:31 |
| S91 | 15 | ("1364709"   "1609347"  <br>"2812564"   "3272412"  <br>"3357615"   "3674189").<br>PN. OR ("D248341").<br>URPN.                                                                                                                         | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/01/19<br>22:33 |
| S92 | 19 | ("1022791"   "2894119"  <br>"3369723"   "3813017"  <br>"3912137").PN. OR<br>("4120434").URPN.                                                                                                                                          | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/01/19<br>22:35 |

| S93         | 32  | ("1079527"   "1486967"   "2781959"   "3709544"   "3860281"   "4678221"   "4736920"   "4798286"   "5234245"   "541320"   "5480204"   "5573152"   "5613657"   "D257426"   "D348002"   "537336"   "D375459"   "D377313"   "D38297"), PN. OR ( "D39589") UFFN. | US-PGPUB;<br>USPAT; USOCR | OR  | OFF | 2011/01/19<br>22:38 |
|-------------|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-----|-----|---------------------|
| S94         | 37  | ("2248234"   "3016259"  <br>"3123213"   "3198378"  <br>"3387879"   "3442547"  <br>"3528697"   "3640563"  <br>"3744704").FN. OR<br>("3860281").URPN.                                                                                                        | US-PGPUB;<br>USPAT; USOCR | OR  | OFF | 2011/01/19<br>22:39 |
| S95         | 0   | ("2004/0238578").URPN.                                                                                                                                                                                                                                     | USPAT                     | OR  | OFF | 2011/01/20<br>09:02 |
| S96         | 50  | ["2070414"   "3144230"  <br>"3332563"   "3365228"  <br>"3648830"   "4128356"  <br>"415719"   "4296902"  <br>"4511042"   "4596370"  <br>"4634089"   "4779831"  <br>"4754903"   "4779831"  <br>"4865239"), PN. OR<br>["4993611"), URPN.                      | US-PGPUB;<br>USPAT; USOCR | OR  | OFF | 2011/01/20<br>09:03 |
| S97         | 218 | 224/148.4.ccls.                                                                                                                                                                                                                                            | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2011/01/20<br>09:05 |
| S98         | 275 | 224/148.1                                                                                                                                                                                                                                                  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2011/01/20<br>09:10 |
| <b>S9</b> 9 | 600 | 224/269.ccls.                                                                                                                                                                                                                                              | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2011/01/20<br>09:17 |
| S100        | 398 | 224/148.7.ccls.                                                                                                                                                                                                                                            | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2011/01/20<br>09:31 |
| S101        | 270 | 224/242.ccls.                                                                                                                                                                                                                                              | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2011/01/20<br>09:39 |
| S102        | 309 | 224/251.ccls.                                                                                                                                                                                                                                              | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2011/01/20<br>10:00 |
| S103        | 273 | 224/270.ccls.                                                                                                                                                                                                                                              | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2011/01/20<br>10:06 |
| S104        | 192 | 224/271.ccls.                                                                                                                                                                                                                                              | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2011/01/20<br>10:11 |
| S105        | 554 | 224/677.ccls.                                                                                                                                                                                                                                              | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2011/01/20<br>10:53 |
| S106        | 232 | 224/678.ccls.                                                                                                                                                                                                                                              | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2011/01/20<br>11:07 |
| S107        | 164 | 224/249.ccls.                                                                                                                                                                                                                                              | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2011/01/20<br>11:46 |

| S108 | 108 | 224/248.ccls.                                                                                                                                                                                             | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2011/01/20<br>11:51 |
|------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-----|-----|---------------------|
| S109 | 246 | 220/709.ccls.                                                                                                                                                                                             | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2011/01/20<br>12:01 |
| S110 | 323 | 220/4.23.ccls.                                                                                                                                                                                            | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2011/01/20<br>12:08 |
| S111 | 376 | d3/215.ccls.                                                                                                                                                                                              | US-PGPUB;<br>USPAT; USOCR | ADJ | ON  | 2011/01/20<br>12:15 |
| S112 | 25  | ("0562566"   "1329394"  <br>"2273492"   "3494583"  <br>"3552701"   "3895718").<br>PN. OR ("4157166").<br>URPN.                                                                                            | US-PGPUB;<br>USPAT; USOCR | OR  | OFF | 2011/01/22<br>18:44 |
| S113 | 19  | ("1969677"   "3192894"  <br>"3273766"   "4909467"  <br>"5285940"   "6019335").<br>PN. OR ("6131779").<br>URPN.                                                                                            | US-PGPUB;<br>USPAT; USOCR | OR  | OFF | 2011/01/22<br>19:00 |
| S114 | 19  | ("1969677"   "3192894"  <br>"3273766"   "4909467"  <br>"5285940"   "6019335").<br>PN. OR ("6131779").<br>URPN.                                                                                            | US-PGPUB;<br>USPAT; USOCR | OR  | OFF | 2011/01/22<br>19:06 |
| S115 | 21  | ("2227780"   "2248234"  <br>"2362523"   "3299442"  <br>"3463536"   "4627546"  <br>"4724971"   "5301857"  <br>"5573152"   "5749490"  <br>"5749497"   "6131779"  <br>"D364552").PN. OR<br>("6880714").URPN. | US-PGPUB;<br>USPAT; USOCR | OR  | OFF | 2011/01/22<br>19:06 |
| S116 | 19  | ("1969677"   "3192894"  <br>"3273766"   "4909467"  <br>"5285940"   "6019335").<br>PN. OR ("6131779").<br>URPN.                                                                                            | US-PGPUB;<br>USPAT; USOCR | OR  | OFF | 2011/01/22<br>19:10 |
| S117 | 12  | ("1184608"   "1207994"  <br>"1244050"   "2463651"  <br>"6131779"   "6352235"  <br>"6394329"   "7464907").<br>PN. OR ("7744053").<br>URPN.                                                                 | US-PGPUB;<br>USPAT; USOCR | OR  | OFF | 2011/01/22<br>19:16 |

| S118 | 51 | ("0924348"   "1236929"   "1304064"   "1919866"   "2406966"   "3304039"   "3812741"   "3990596"   "4273246"   "4368826"   "4723465"   "4507988   "4723465"   "4773549"   "4821372"   "4911038"   "4955572"   "497940"   "5066383"   "5301857"   "5487482"   "5816631"   "5487482"   "5816631"   "548755"   "497947"   "548755"   "497947"   "548755"   "5479794"   "1288278" ), PM. OR ("6352235"), URPN. | US PGPUB;<br>USPAT; USOOR | OR | OFF | 2011/01/22          |
|------|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----|-----|---------------------|
| S119 | 33 | ("1702555"   "1721644"  <br>"1825897"   "2049219"  <br>"2844346"   "3177025"  <br>"4368826"   "4379578"  <br>"4486043"   "4627546"  <br>"D204295"), FN. OR<br>("4773549"), URPN.                                                                                                                                                                                                                         | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/01/22<br>19:17 |
| S120 | 10 | ("5320232"   "5398855"  <br>"5695232"   "6086124"  <br>"6131779"   "6279794"  <br>"D286949").PN. OR<br>("6857544").URPN.                                                                                                                                                                                                                                                                                 | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/01/22<br>19:21 |
| S121 | 38 | ("2056947"   "2505641"   "314007"   "3160304"   "3189072"   "3276617"   "3335923"   "3380635"   "3893638"   "4088250"   "4093096"   "4140235"   "4165814"   "4262256"   "4387822"   "4640855"   "4708273"   "4755342"   "4756857"   "4336396"   "4852781"   "4955572"   "5044512"   "5105768"   "5135124"   "5232137"   "5388712"   "5628417"   "5676285") PM OR ("5996836") URFN.                       | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/01/22          |
| S122 | 26 | ("2035749"   "2628054"   "4084778"   "4579237"   "4623185" "4623850"   "4749112"   "4955572"   "5249108"   "5544031"   "D281565"   "D350456"   "D358679"   "D364912"   "D378040"   "D423774"). PN. OR ("D444706"). URFN.                                                                                                                                                                                 | US PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/01/22          |

| S123 | 34   | ("1326887"   "1600193"  <br>"2628054"   "2894119"  <br>"3104434"   "3599847").<br>PN. OR ("4638530").<br>URPN.                                                                                                                                                                                                  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/01/22<br>19:39 |
|------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----|-----|---------------------|
| S124 | 13   | ("2894119").URPN.                                                                                                                                                                                                                                                                                               | USPAT                     | OR | OFF | 2011/01/22<br>19:50 |
| S125 | 19   | ("1022791"   "2894119"  <br>"3369723"   "3813017"  <br>"3912137").PN. OR<br>("4120434").URPN.                                                                                                                                                                                                                   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/01/22<br>19:51 |
| S126 | 1    | "6533148".pn.                                                                                                                                                                                                                                                                                                   | US-PGPUB;<br>USPAT        | OR | OFF | 2011/01/22<br>20:02 |
| S127 | 19   | ("1969677"   "3192894"  <br>"3273766"   "4909467"  <br>"5285940"   "6019335").<br>PN. OR ("6131779").<br>URPN.                                                                                                                                                                                                  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/01/22<br>20:11 |
| S128 | 2    | (accordion adj pleat) with (living adj hinge)                                                                                                                                                                                                                                                                   | US-PGPUB;<br>USPAT        | OR | ON  | 2011/01/22<br>20:28 |
| S129 | 20   | (pleat) with (living adj<br>hinge)                                                                                                                                                                                                                                                                              | US-PGPUB;<br>USPAT        | OR | ON  | 2011/01/22<br>20:29 |
| S130 | 10   | (accordion adj pleat) with ( hinge)                                                                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT        | OR | ON  | 2011/01/22<br>20:30 |
| S131 | 68   | (equivalent) with (living adj hinge)                                                                                                                                                                                                                                                                            | US-PGPUB;<br>USPAT        | OR | ON  | 2011/01/22<br>20:43 |
| S132 | 771  | (accordion adj pleat)                                                                                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT        | OR | ON  | 2011/01/22<br>20:45 |
| S133 | 23   | (accordion adj pleat) and (living adj hinge)                                                                                                                                                                                                                                                                    | US-PGPUB;<br>USPAT        | OR | ON  | 2011/01/22<br>20:45 |
| S134 | 1516 | (fold\$) with (living adj<br>hinge)                                                                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT        | OR | ON  | 2011/01/22<br>20:50 |
| S135 | 8    | [("4174793"   "4779655"  <br>"5507422"   "5609277"  <br>"5996836"   "6155410"  <br>"6257434"   "6394329").<br>PN.                                                                                                                                                                                               | US-PGPUB;<br>USPAT        | OR | OFF | 2011/01/22<br>22:07 |
| S136 | 17   | [US-20040239578-\$), did. or (US-6131779-\$ or US-6349844-\$ or US-6880714-\$ or US-63894329-\$ or US-6155410-\$ or US-5507422-\$ or US-3380635-\$ or US-5507422-\$ or US-3380635-\$ or US-356679-\$ or US-227780-\$ or US-4638530-\$ or US-4423811-\$ or US-6644522-\$ or US-3600281-\$ or US-6857544-\$).did. | US-PGPUB;<br>USPAT        | OR | OFF | 2011/01/22<br>22:07 |

| S137 | 13  | S136 not S135    | US-PGPUB;<br>USPAT                       | OR  | ON  | 2011/01/22<br>22:09 |
|------|-----|------------------|------------------------------------------|-----|-----|---------------------|
| S138 | 218 | 224/148.4.ccls.  | US-PGPUB;<br>USPAT; USOCR                | ADJ | ON  | 2011/03/21<br>22:35 |
| S139 | 279 | 224/148.1        | US-PGPUB;<br>USPAT; USOCR                | ADJ | ON  | 2011/03/21<br>22:35 |
| S140 | 605 | 224/269.ccls.    | US-PGPUB;<br>USPAT; USOCR                | ADJ | ON  | 2011/03/21<br>22:40 |
| S141 | 398 | 224/148.7.ccls.  | US-PGPUB;<br>USPAT; USOCR                | ADJ | ON  | 2011/03/29<br>10:33 |
| S142 | 2   | "US 20070125814" | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR  | OFF | 2011/03/29<br>10:35 |
| S143 | 271 | 224/242.ccls.    | US-PGPUB;<br>USPAT; USOCR                | ADJ | ON  | 2011/03/29<br>10:42 |
| S144 | 311 | 224/251.ccls.    | US-PGPUB;<br>USPAT; USOCR                | ADJ | ON  | 2011/03/29<br>10:48 |
| S145 | 606 | 224/269.ccls.    | US-PGPUB;<br>USPAT; USOCR                | ADJ | ON  | 2011/03/29<br>10:55 |
| S146 | 274 | 224/270.ccls.    | US-PGPUB;<br>USPAT; USOCR                | ADJ | ON  | 2011/03/29<br>11:09 |
| S147 | 193 | 224/271.ccls.    | US-PGPUB;<br>USPAT; USOCR                | ADJ | ON  | 2011/03/29<br>11:15 |
| S148 | 554 | 224/677.ccls.    | US-PGPUB;<br>USPAT; USOCR                | ADJ | ON  | 2011/03/29<br>11:19 |
| S149 | 232 | 224/678.ccls.    | US-PGPUB;<br>USPAT; USOCR                | ADJ | ON  | 2011/03/29<br>11:31 |
| S150 | 165 | 224/249.ccls.    | US-PGPUB;<br>USPAT; USOCR                | ADJ | ON  | 2011/03/29<br>11:39 |
| S151 | 108 | 224/248.ccls.    | US-PGPUB;<br>USPAT; USOCR                | ADJ | ON  | 2011/03/29<br>11:40 |
| S152 | 247 | 220/709.ccls.    | US-PGPUB;<br>USPAT; USOCR                | ADJ | ON  | 2011/03/29<br>11:43 |
| S153 | 323 | 220/4.23.ccls.   | US-PGPUB;<br>USPAT; USOCR                | ADJ | ON  | 2011/03/29<br>11:49 |

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